Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098083.D
Acq On : 28 Aug 2017 23:11
Operator : SJ/JU
Sample : I4948-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-COMP

Quant Time: Aug 29 07:54:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	97544	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	377170	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	159615	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	314799	20.00	ng	0.00
75) Chrysene-d12	13.89	240	262504	20.00	ng	0.00
86) Perylene-d12	15.31	264	208242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	784194	122.29	ng	0.00
7) Phenol-d6	6.38	99	980822	112.57	ng	0.00
23) Nitrobenzene-d5	7.30	82	666432	95.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	202982	146.57	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	986805	90.83	ng	-0.01
78) Terphenyl-d14	12.84	244	909139	72.22	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	88231	14.792	ng	# 73
25) Isophorone	7.30	82	659914	45.711	ng	# 67
32) Benzoic acid	7.76	122	132	6.430	ng	# 80
49) Dimethylphthalate	9.77	163	42040	3.603	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	20245	8.693	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	20245	6.927	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	502	8.600	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	12915	3.951	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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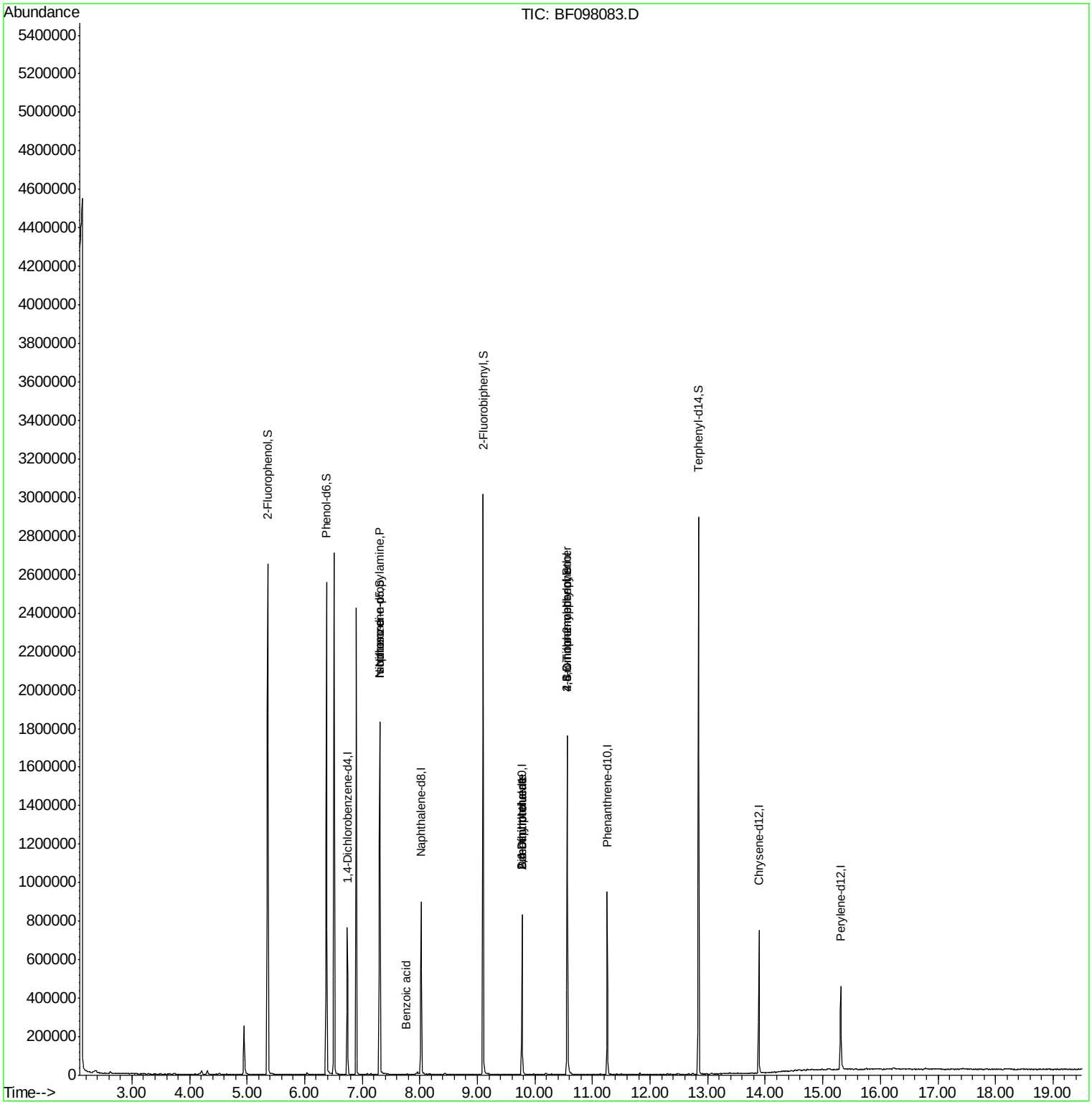
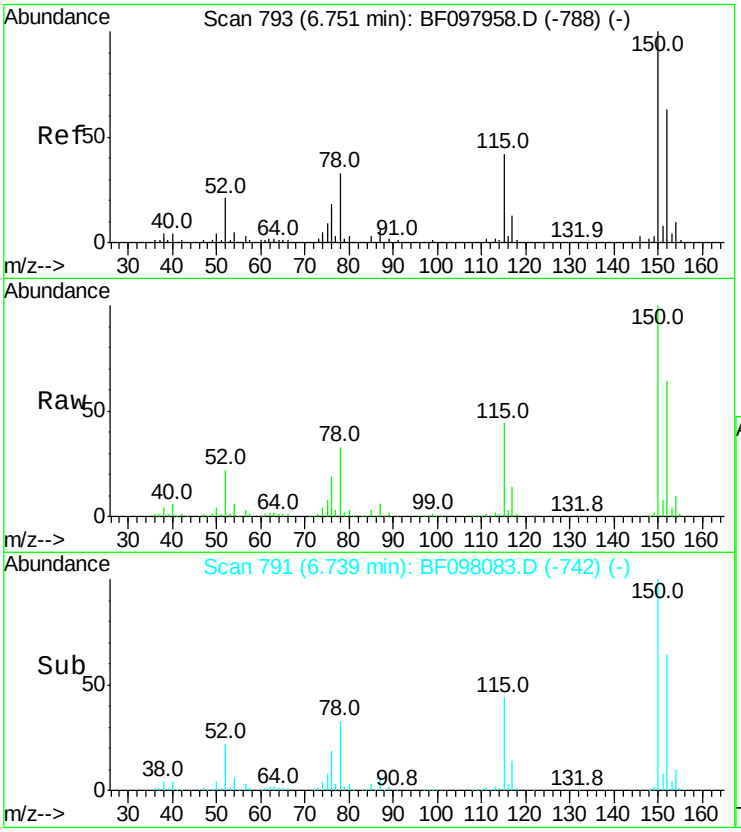


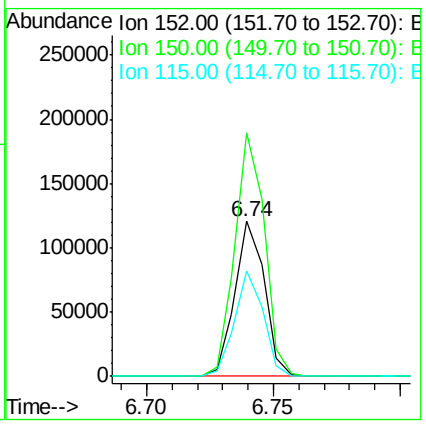


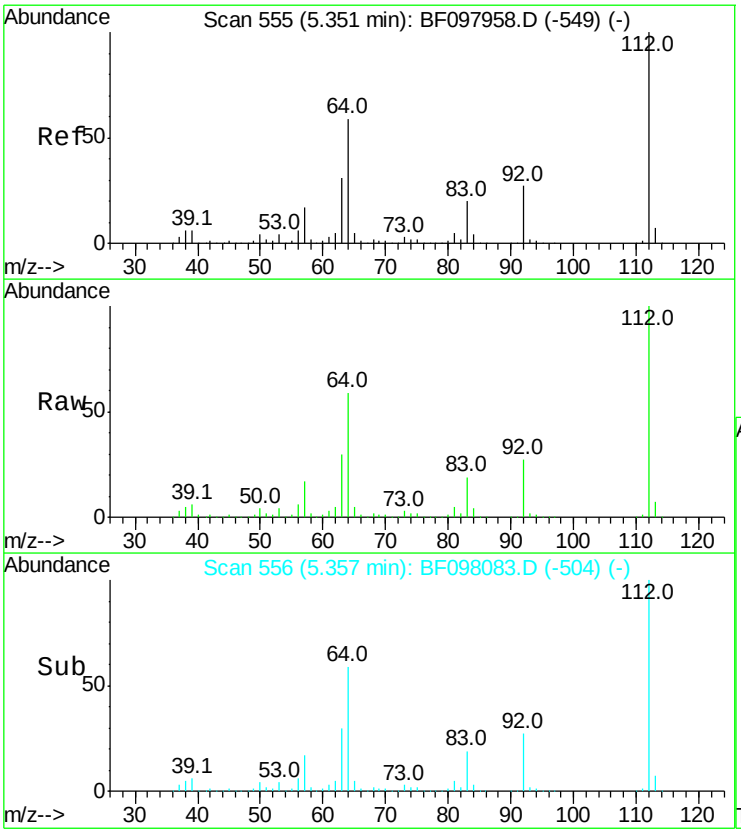
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tgt Ion:152 Resp: 97544

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	68.5	52.2	78.2

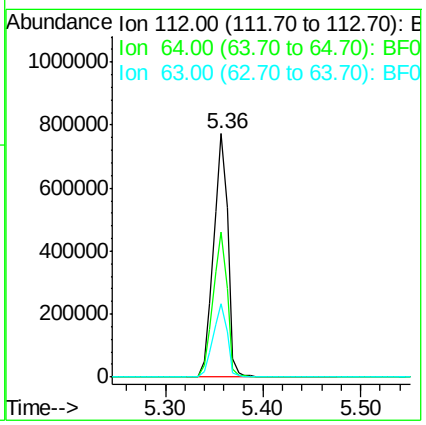


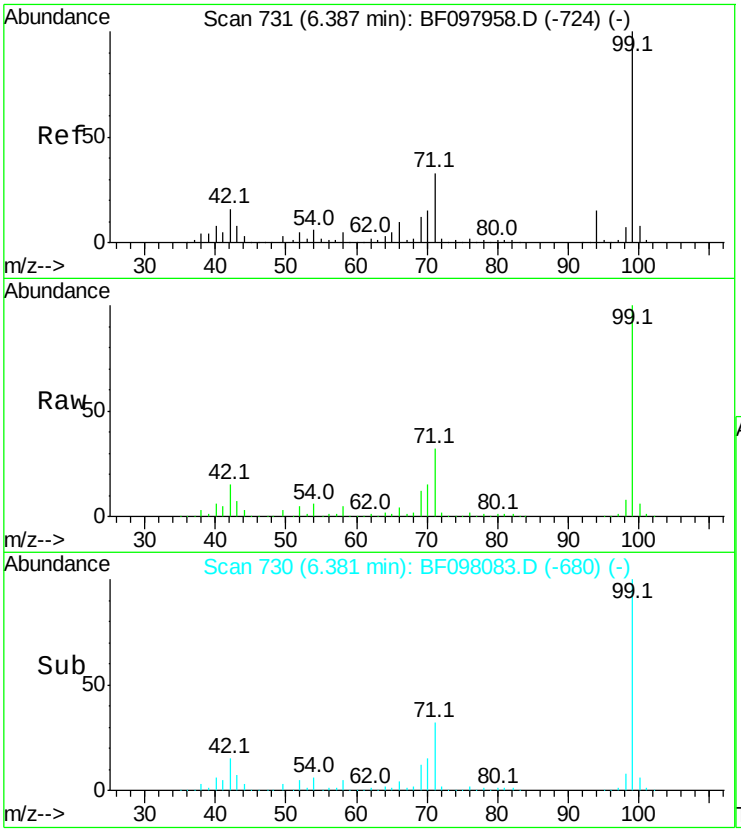


#5
2-Fluorophenol
Concen: 122.285 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Tgt Ion:112 Resp: 784194

Ion	Ratio	Lower	Upper
112	100		
64	59.5	46.0	69.0
63	30.2	23.4	35.0



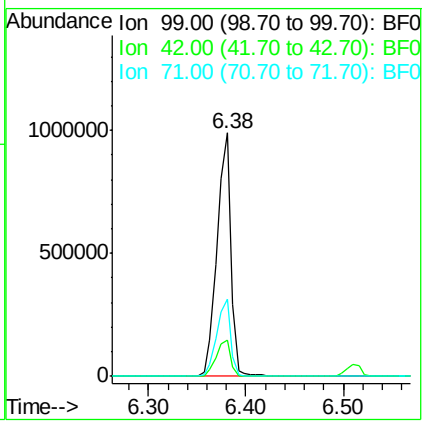


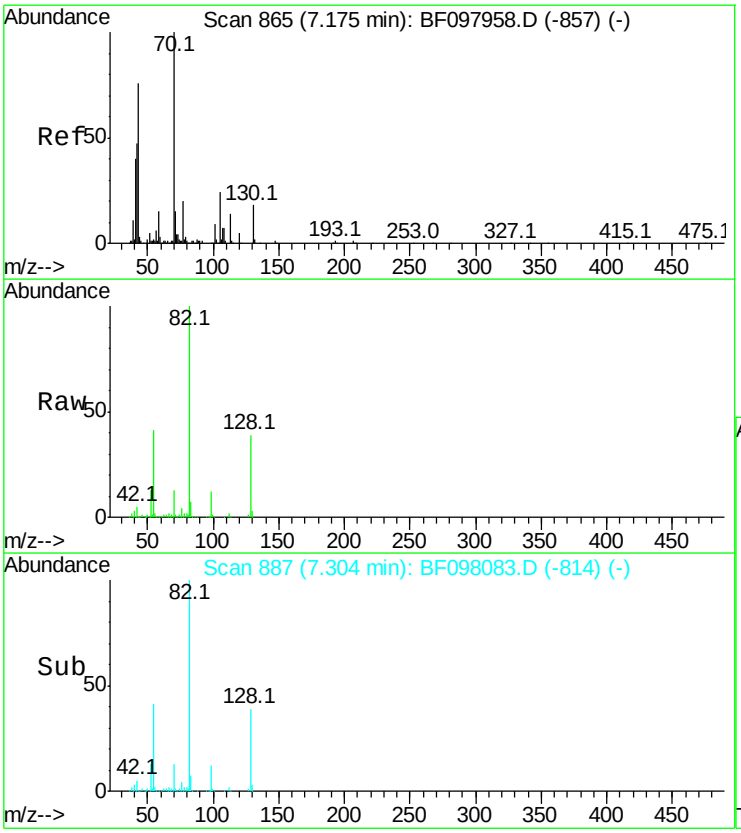
#7
Phenol-d6
Concen: 112.567 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tgt Ion: 99 Resp: 980822

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.5	20.3
71	31.5	24.5	36.7

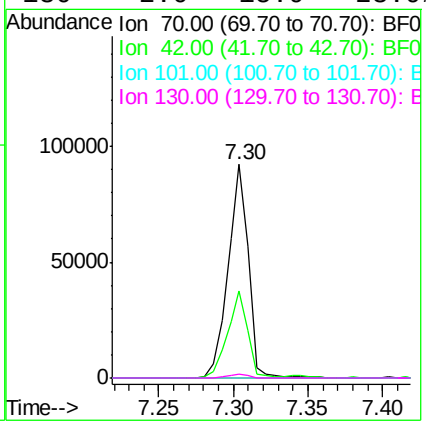


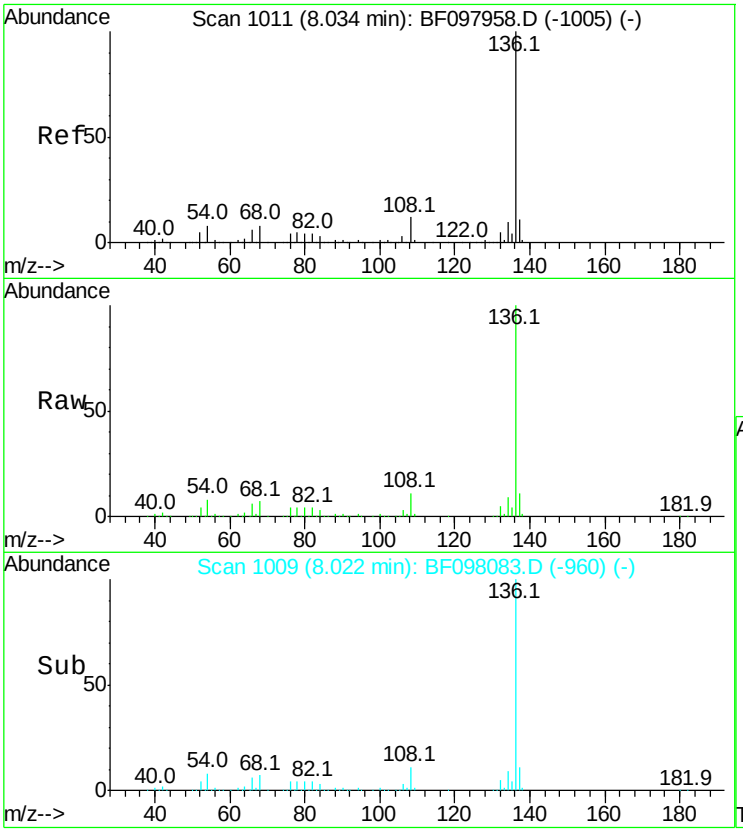


#19
n-Nitroso-di-n-propylamine
Concen: 14.792 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Tgt Ion: 70 Resp: 88231

Ion	Ratio	Lower	Upper
70	100		
42	41.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



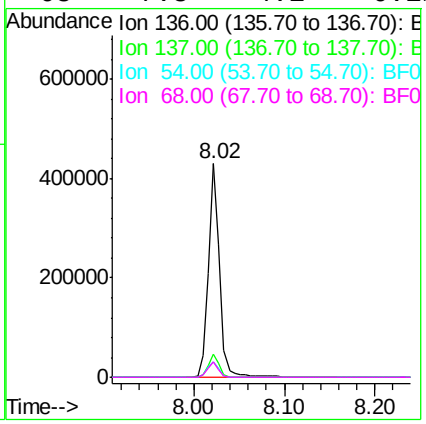


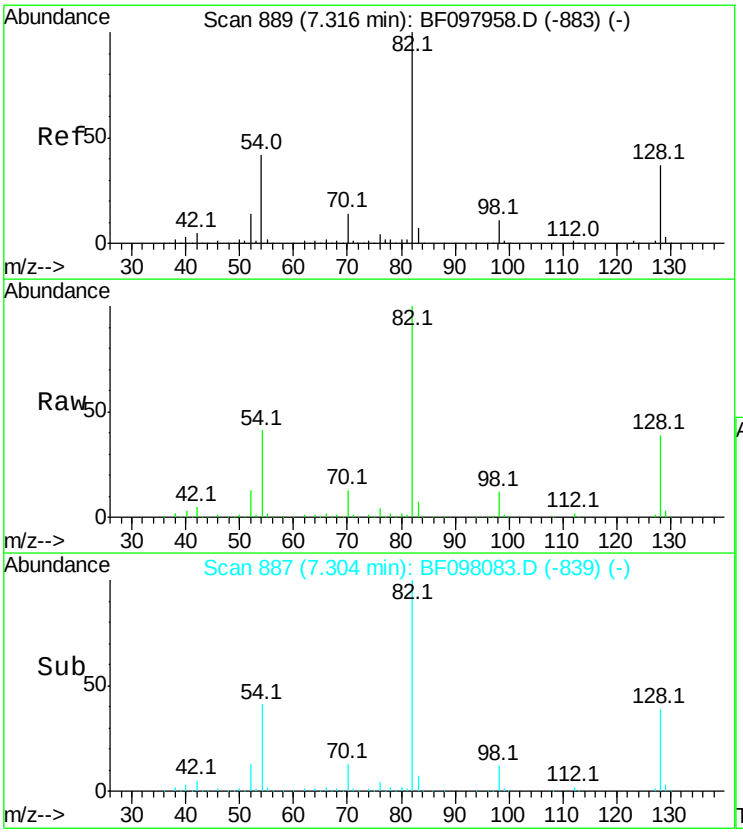
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tgt Ion:136 Resp: 377170

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.5	4.9	7.3#
68	7.3	4.1	6.1#

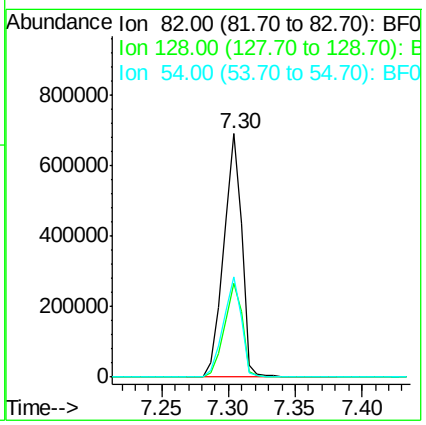


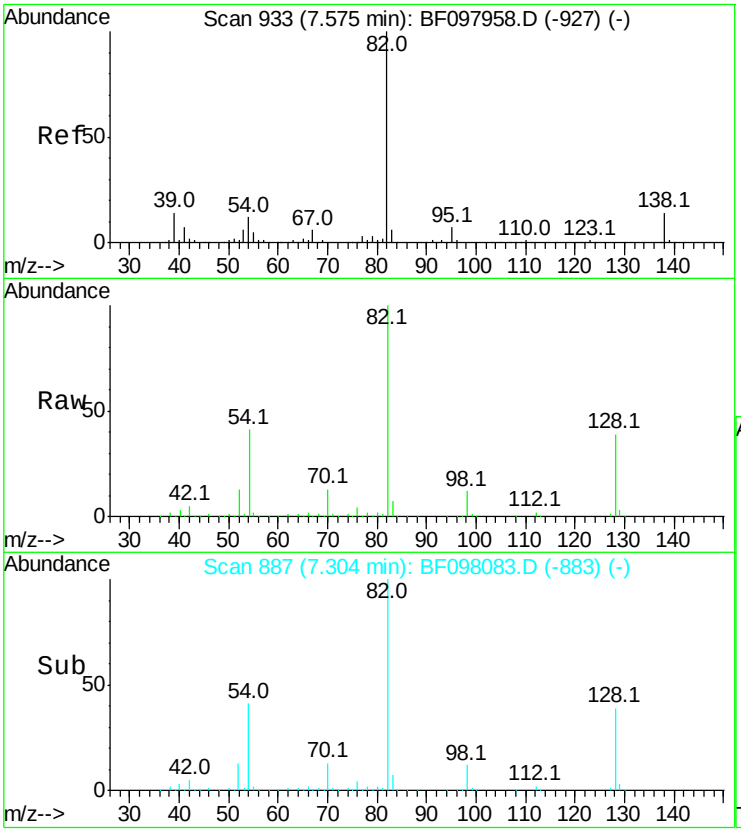


#23
Nitrobenzene-d5
Concen: 95.988 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Tgt Ion: 82 Resp: 666432

Ion	Ratio	Lower	Upper
82	100		
128	38.6	34.0	51.0
54	41.1	42.2	63.2#



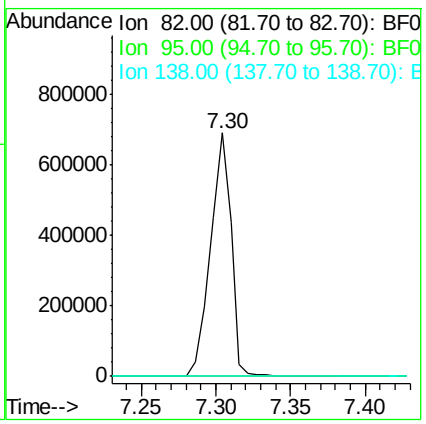


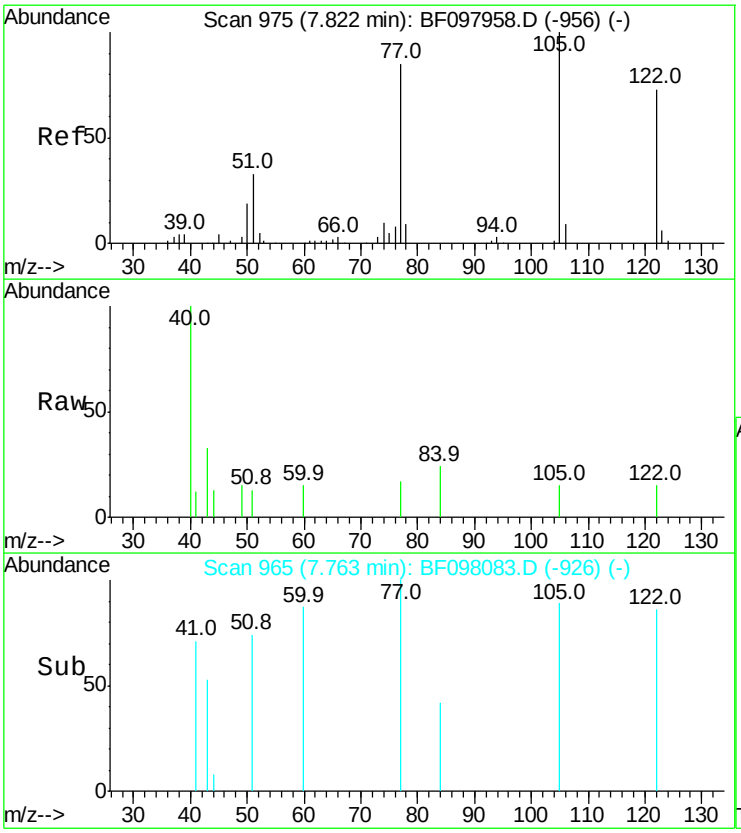
#25
Isophorone
Concen: 45.711 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tgt Ion: 82 Resp: 659914

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

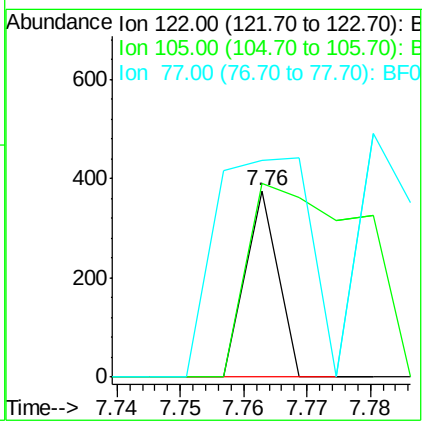


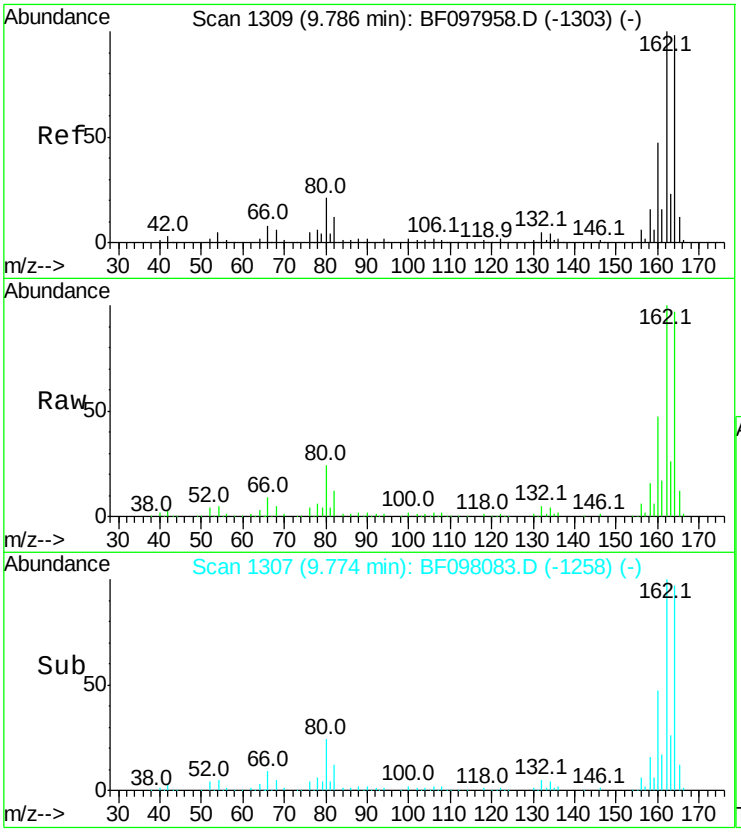


#32
Benzoic acid
Concen: 6.430 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.07 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Tgt Ion:122 Resp: 132

Ion	Ratio	Lower	Upper
122	100		
105	104.3	103.3	143.3
77	116.8	73.7	113.7#



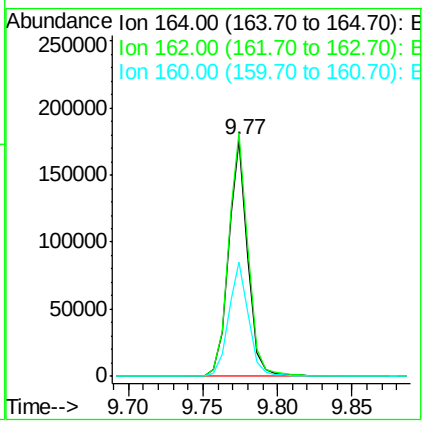


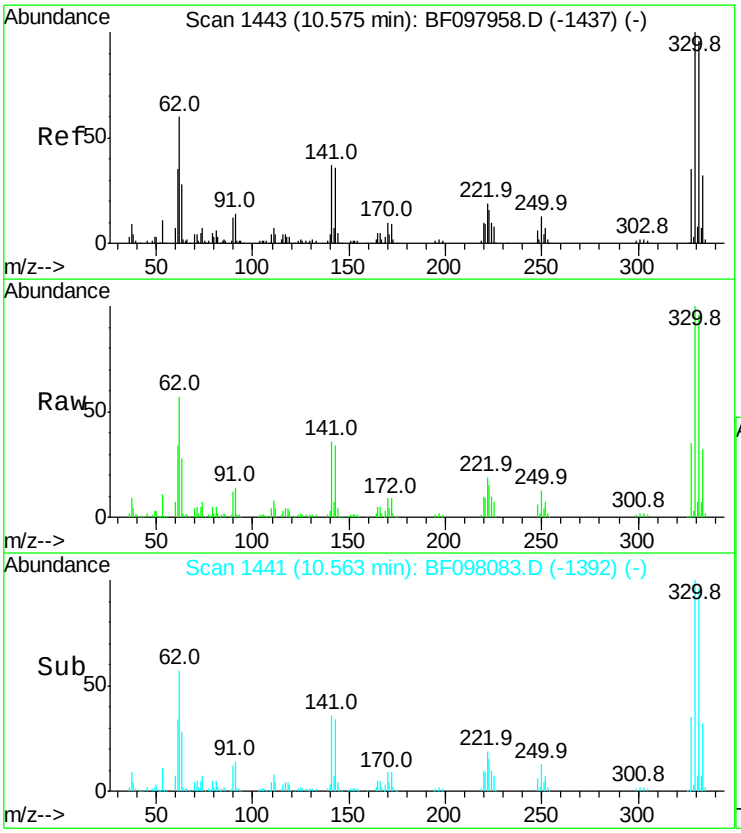
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tgt Ion:164 Resp: 159615

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	48.3	36.2	54.2

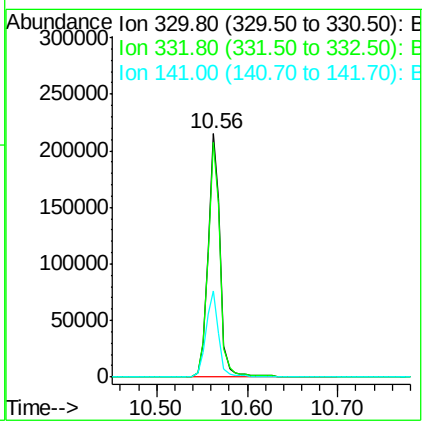


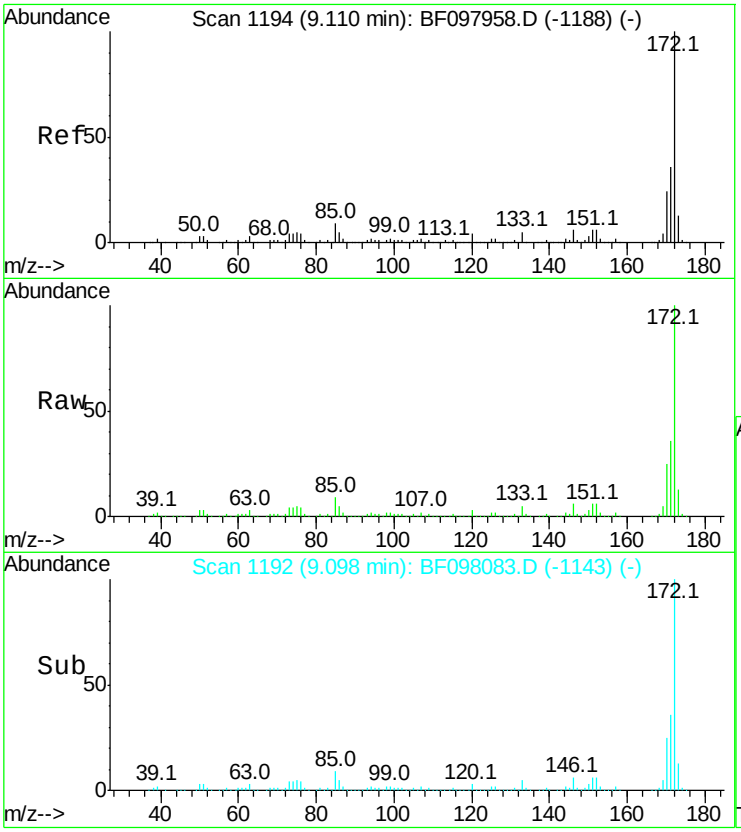


#41
2,4,6-Tribromophenol
Concen: 146.566 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Tgt Ion:330 Resp: 202982

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	37.1	31.4	47.2



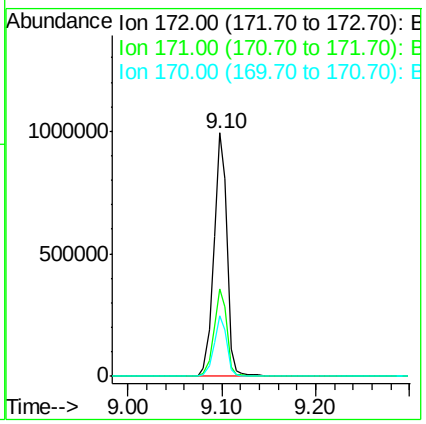


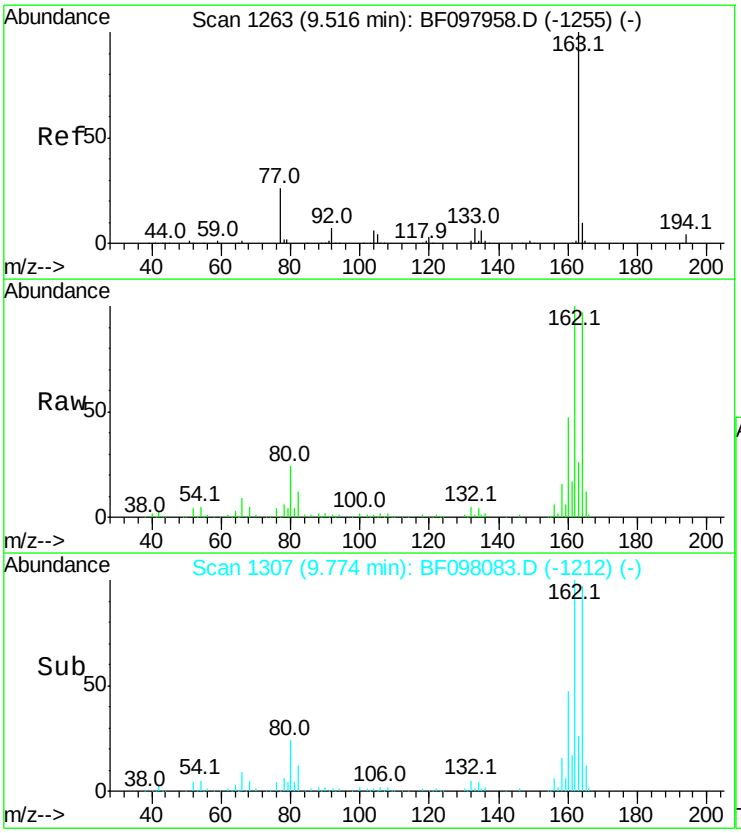
#44
2-Fluorobiphenyl
Concen: 90.832 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tgt Ion:172 Resp: 986805

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.7	19.8	29.8

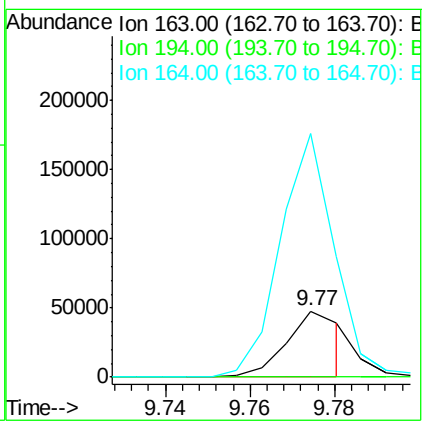


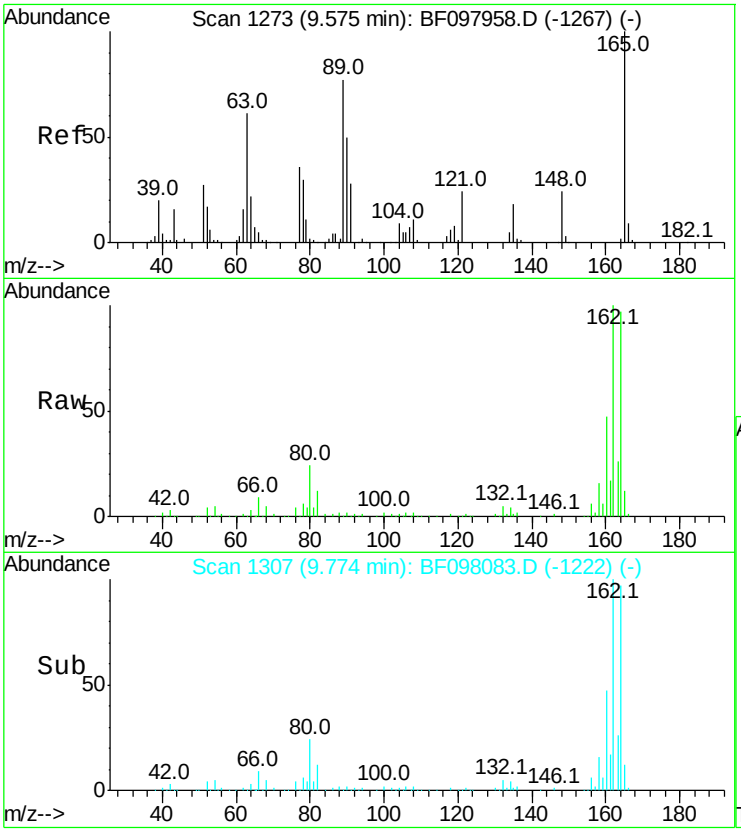


#49
Dimethylphthalate
Concen: 3.603 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Tgt Ion:163 Resp: 42040

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	368.0	8.4	12.6#



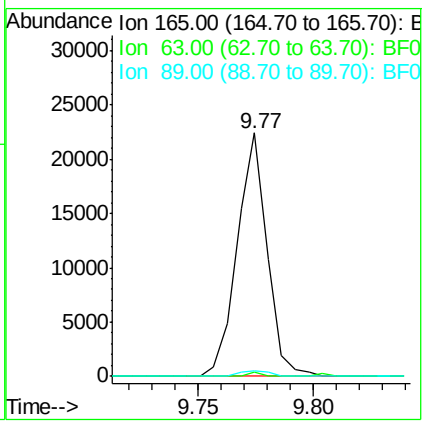


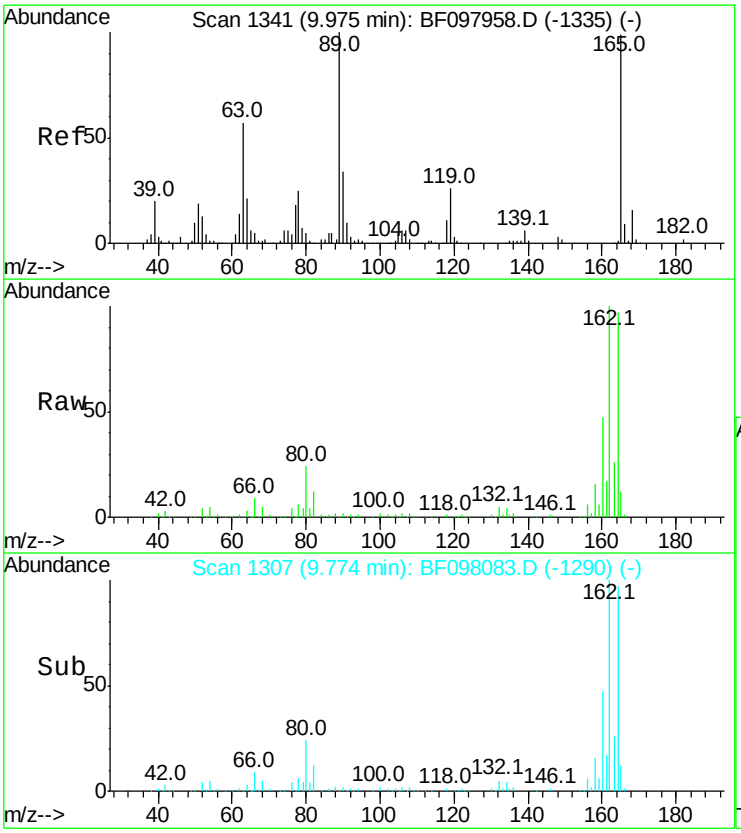
#50
2,6-Dinitrotoluene
Concen: 8.693 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.20 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tgt Ion:165 Resp: 20245

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	2.1	37.1	55.7#

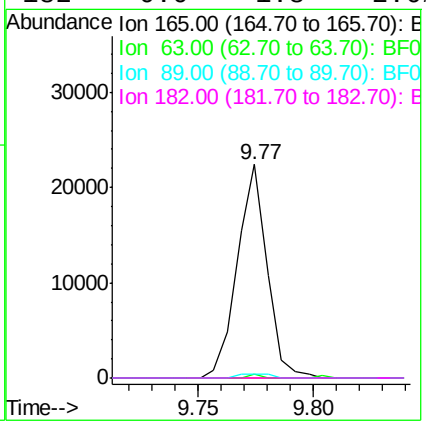


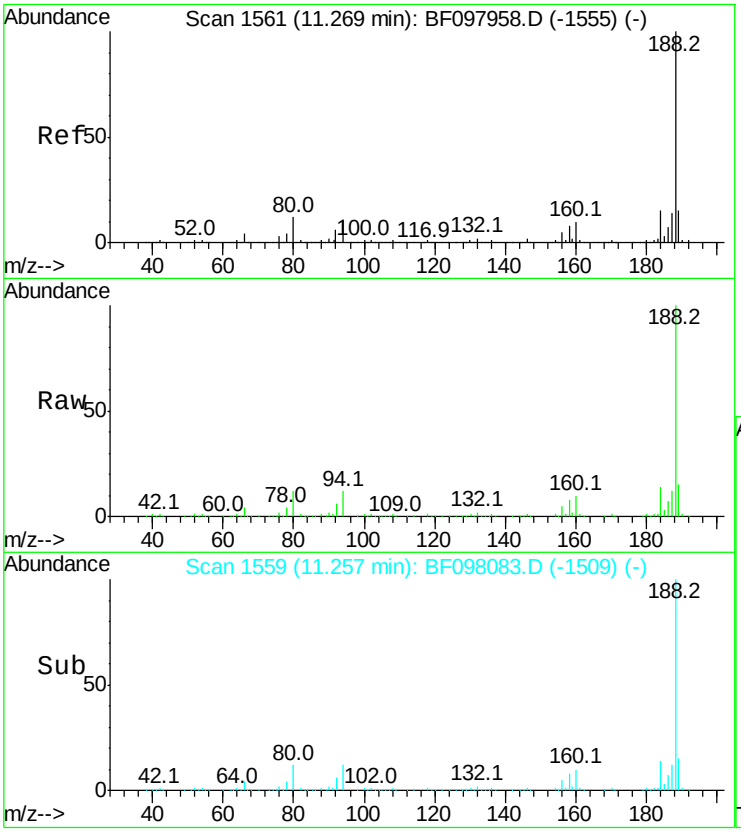


#56
2,4-Dinitrotoluene
Concen: 6.927 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.20 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Tgt Ion:165 Resp: 20245

Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#



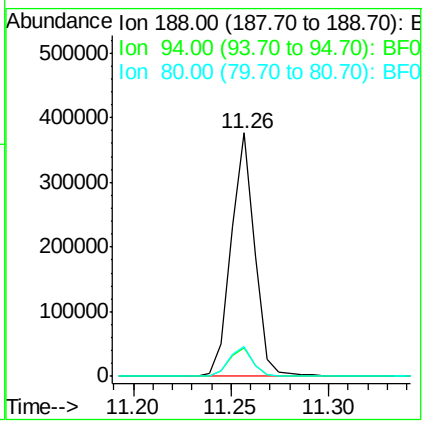


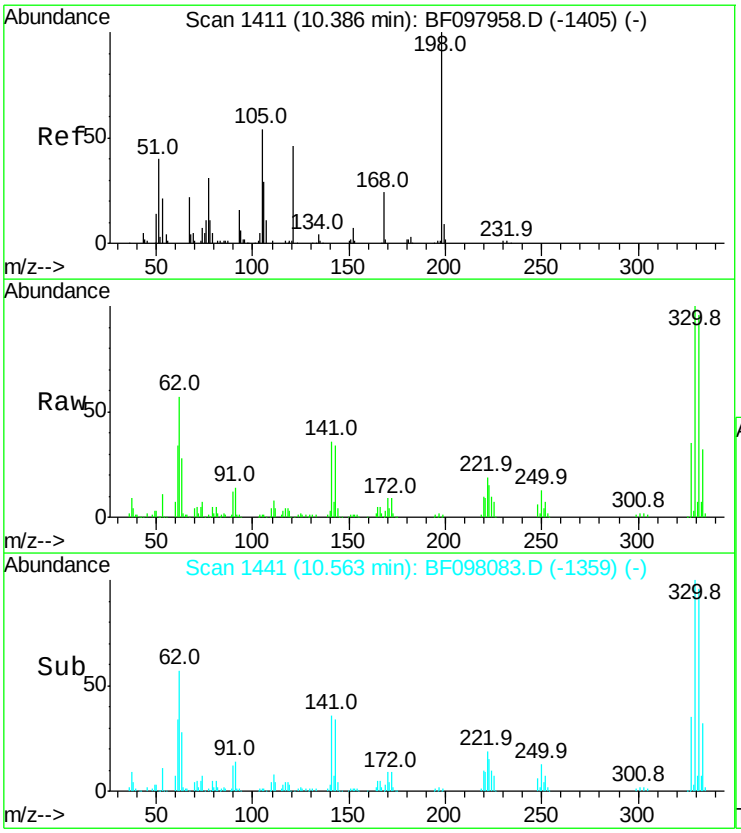
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tgt Ion:188 Resp: 314799

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.1	10.2	15.2

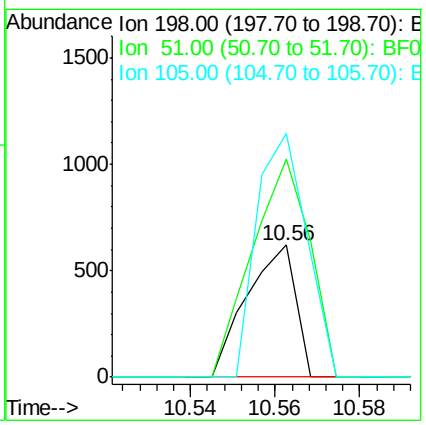


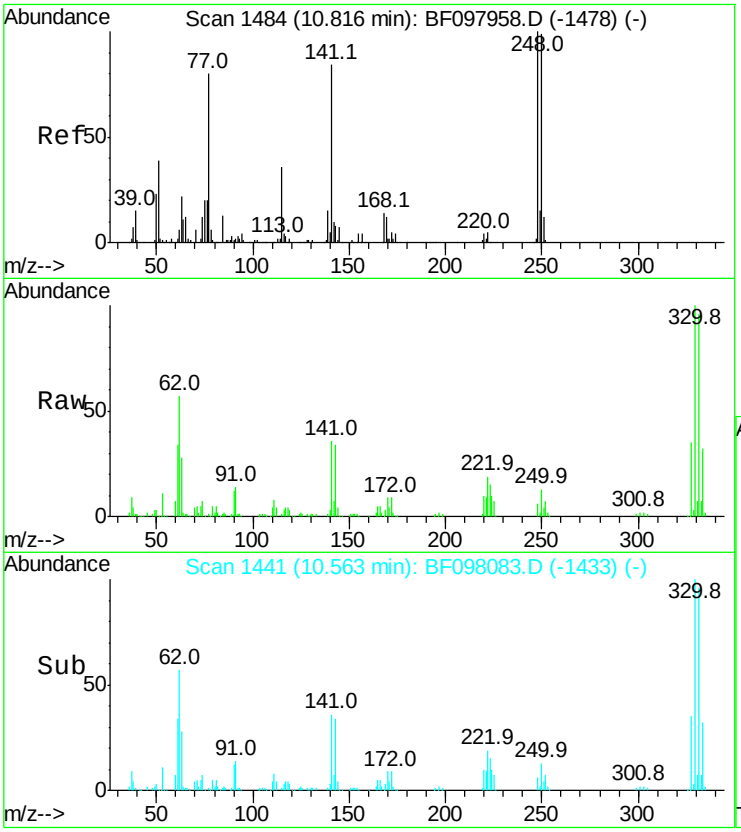


#64
4,6-Dinitro-2-methylphenol
Concen: 8.600 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.18 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Tgt Ion:198 Resp: 502

Ion	Ratio	Lower	Upper
198	100		
51	165.3	53.2	93.2#
105	184.5	45.8	85.8#



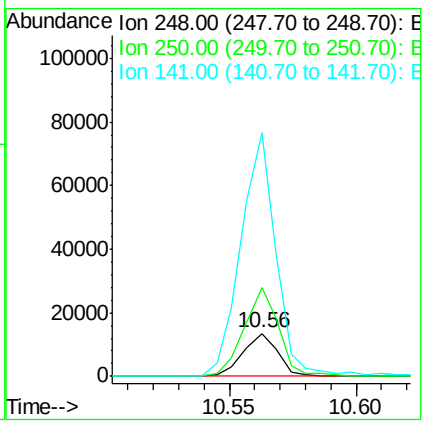


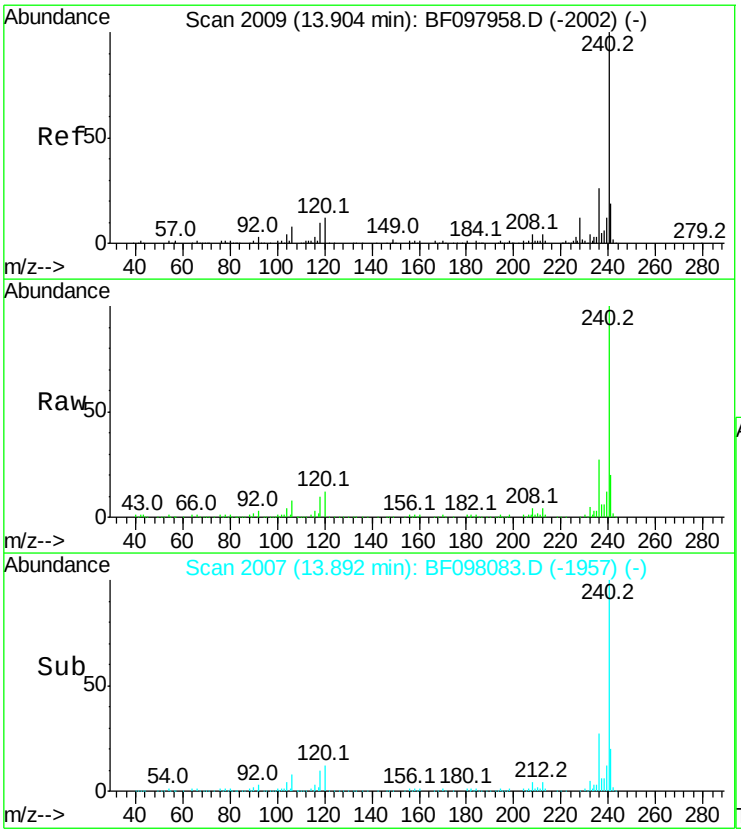
#66
4-Bromophenyl-phenylether
Concen: 3.951 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tgt Ion:248 Resp: 12915

Ion	Ratio	Lower	Upper
248	100		
250	205.4	76.8	115.2#
141	563.6	68.6	103.0#

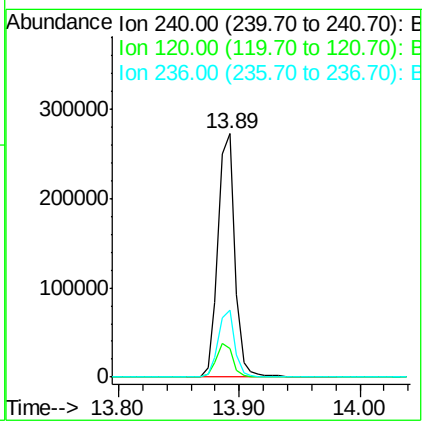


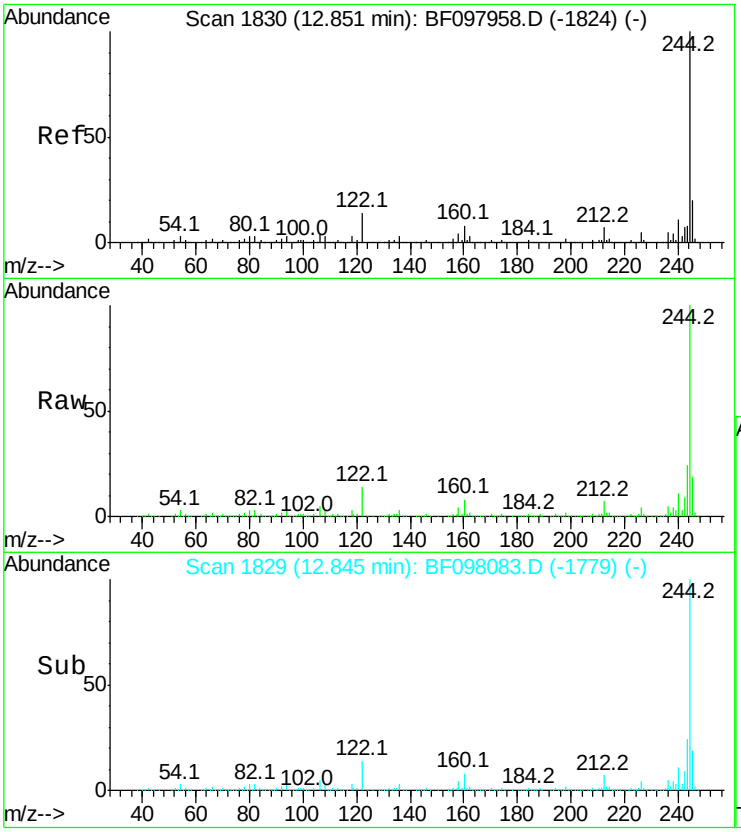


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Tgt Ion:240 Resp: 262504

Ion	Ratio	Lower	Upper
240	100		
120	11.7	5.8	8.8#
236	27.3	20.5	30.7



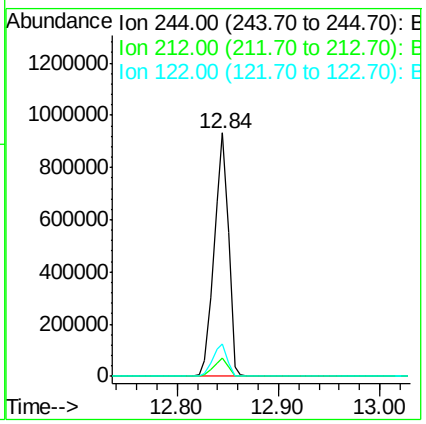


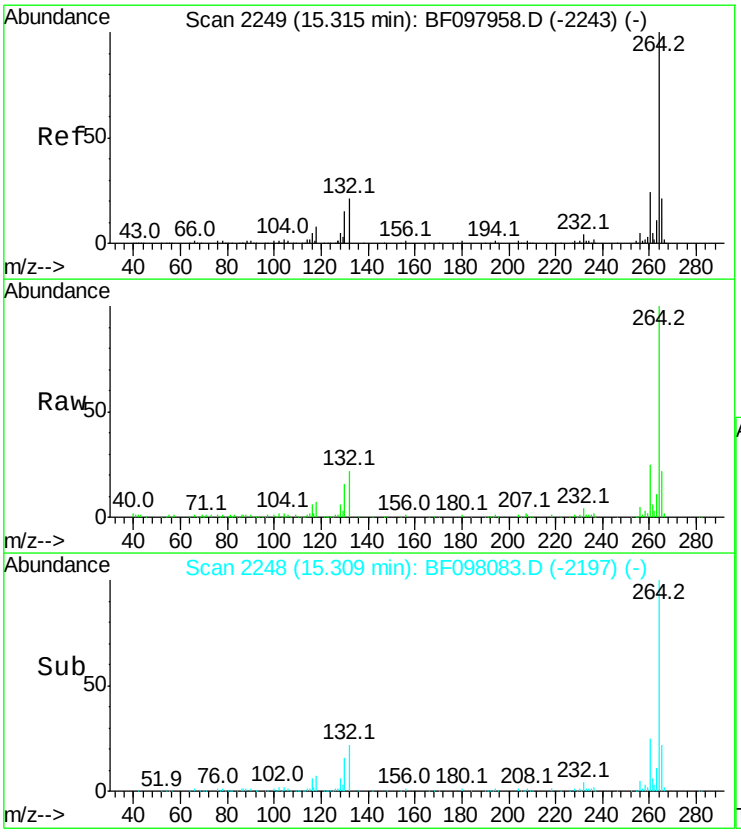
#78
Terphenyl-d14
Concen: 72.222 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tgt Ion:244 Resp: 909139

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.6	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF098083.D
Acq: 28 Aug 2017 23:11

Tgt Ion:264 Resp: 208242

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.6	17.2	25.8